



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Edward L. Jenner

Application No.: 10/636,018

Date Filed: 08/07/2003

**Title: Method For Wavelet-Based
Seismic Amplitude Inversion**

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Examiner:
Donald E. McElheny, Jr.

Group Art Unit: 2857

Date Mailed: 02/16/2005

Attorney Docket No.:
IO-2003-01

Mail Stop Amendment

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Charles R. Schweppe
Charles R. Schweppe

Date: February 16, 2005

RESPONSE TO OFFICE ACTION

(A) INTRODUCTORY COMMENTS

This letter is in response to the Office Action mailed August 16, 2004 (08/16/2004) in the patent application identified above. Pursuant to 37 CFR § 1.136(a), Form PTO-2038 for credit card payment of \$1020.00 is attached for the fee for a three month extension of time to February 16, 2005, as given by 37 CFR § 1.17(a)(3).

Claims 1-12 are pending in the present patent application. In the Office Action, the Examiner has rejected claims 1-12 under 35 U.S.C. §102 (a) and (b). Amended and new claims are presented below in section (B) Amendments to the Claims and are discussed below in section (C) Remarks.